



US Army Corps
of Engineers
Alaska District

Public Notice of Application for Permit

Regulatory Branch (1145b)
Post Office Box 6898
Elmendorf AFB, Alaska 99506-0898

PUBLIC NOTICE DATE: 7 September 2005

EXPIRATION DATE: 7 October 2005

REFERENCE NUMBER: POA-1982-370-P

WATERWAY: Sagavanirktok River

Interested parties are hereby notified that an application has been received for a Department of the Army permit for certain work in waters of the United States as described below and shown on the attached plan.

APPLICANT: Schlumberger Technology Corporation, 2525 Gambell Street #400, Anchorage, Alaska 99503. Point of contact: David Smith.

LOCATION: Section 8, T. 10 N., R. 15 E., Umiat Meridian; Tracts 43A, 43B, 44A, 44B; in Deadhorse, Alaska.

WORK: The applicant would like to construct an explosives handling facility adjacent to existing Schlumberger Technology Corporation property. The facility would be constructed on a gravel pad of 280 feet by 365 feet, a footprint of 102,200 square feet. Also, a gated access road would connect the facility to existing Schlumberger property. The road would consist of 2 sections of road both 25 feet wide and one 500 feet long, the other 400 feet long, for a total road footprint of 22,500 square feet. Approximately 24,000 cubic yards of clean gravel fill is proposed for the construction of the pad and roads for a footprint of approximately 2.86 acres in wetlands. The depth of the pad and road would be no more than 5 feet depending on local topography.

PURPOSE: The purpose of the proposed work is to construct an explosives handling facility in support of the oil and gas industry on the North Slope.

ADDITIONAL INFORMATION: Informal consultation with the U.S. Fish and Wildlife Service was begun before the public notice. As a result of recommendations, timing guidelines will be included in the permit conditions preventing work on the pad from June 1 through July 31, unless the area is disturbed prior to June 1.

MITIGATION: As a result of early project planning, the applicant has incorporated into the proposed project the following mitigation efforts to reduce impacts to the aquatic environment:

An impermeable barrier will be placed under the gravel pad; and, spill containment measures are part of the plan, for example, a slight berm around the entire gravel pad to contain spilled materials.

WATER QUALITY CERTIFICATION: A permit for the described work will not be issued until a certification or waiver of certification as required under Section 401 of the Clean Water Act (Public Law 95-217), has been received from the Alaska Department of Environmental Conservation.

COASTAL ZONE MANAGEMENT ACT CERTIFICATION: Section 307(c)(3) of the Coastal Zone, Management Act of 1972, as amended by 16 U.S.C. 1456(c)(3), requires the applicant to certify that the described activity affecting land or water uses in the Coastal Zone complies with the Alaska Coastal Management Program. A permit will not be issued until the Office of Project Management and Permitting, Department of Natural Resources has concurred with the applicant's certification.

PUBLIC HEARING: Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for public hearings shall state, with particularity, reasons for holding a public hearing.

CULTURAL RESOURCES: The latest published version of the Alaska Heritage Resources Survey (AHRS) has been consulted for the presence or absence of historic properties, including those listed in or eligible for inclusion in the National Register of Historic Places. There are no listed or eligible properties in the vicinity of the worksite. Consultation of the AHRS constitutes the extent of cultural resource investigations by the District Engineer at this time, and he is otherwise unaware of the presence of such resources. This application is being coordinated with the State Historic Preservation Office (SHPO). Any comments SHPO may have concerning presently unknown archeological or historic data that may be lost or destroyed by work under the requested permit will be considered in our final assessment of the described work.

TRIBAL CONSULTATION: The Alaska District fully supports tribal self-governance and government-to-government relations between the Federal government and Federally recognized Tribes. This notice invites participation by agencies, Tribes, and members of the public in the Federal decision-making process. In addition, Tribes with protected rights or resources that could be significantly affected by a proposed Federal action (e.g., a permit decision) have the right to consult with the Alaska District on a government-to-government basis. Views of each Tribe regarding protected rights and resources will be accorded due consideration in this process. This Public Notice serves as notification to the Tribes within the area potentially affected by the proposed work and invites their participation in the Federal decision-making process regarding the protected Tribal right or resource. Consultation may be initiated by the affected Tribe upon written request to the District Engineer during the public comment period.

ENDANGERED SPECIES: The project area is within the known or historic range of the spectacled eider. After informal consultation with the U.S. Fish and Wildlife Service, the described activity will not affect threatened or endangered species, or their critical habitat designated as endangered or threatened, under the Endangered Species Act of 1973 (87 Stat. 844). This application is being coordinated with the U.S. Fish and Wildlife Service and the National Marine Fisheries Service. Any comments they may have concerning endangered or threatened wildlife or plants or their critical habitat will be considered in our final assessment of the described work.

ESSENTIAL FISH HABITAT: The proposed work is being evaluated for possible effects to Essential Fish Habitat (EFH) pursuant to the Magnuson Stevens Fishery Conservation and Management Act of 1996 (MSFCMA), 16 U.S.C. *et seq* and associated federal regulations found at 50 CFR 600 Subpart K. The Alaska District includes areas of EFH as Fishery Management Plans. We have reviewed the January 20, 1999, North Pacific Fishery Management Council's Environmental Assessment to locate EFH area as identified by the National Marine Fisheries Service (NMFS). We have determined that the described activity within the proposed area will not adversely affect EFH, including anadromous fish and federally managed fishery resources.

SPECIAL AREA DESIGNATION: None.

EVALUATION: The decision whether to issue a permit will be based on an evaluation of the probable impacts including cumulative impacts of the proposed activity and its intended use on the public interest. Evaluation of the probable impacts, which the proposed activity may have on the public interest, requires a careful weighing of all the factors that become relevant in each particular case. The benefits, which reasonably may be expected to accrue from the proposal, must be balanced against its reasonably foreseeable detriments. The decision whether to authorize a proposal, and if so, the conditions under which it will be allowed to occur, are therefore determined by the outcome of the general balancing process. That decision should reflect the national concern for both protection and utilization of important resources. All factors, which may be relevant to the proposal, must be considered including the cumulative effects thereof. Among those are conservation, economics, aesthetics, general environmental concerns, wetlands, cultural values, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shore erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership, and, in general, the needs and welfare of the people. For activities involving 404 discharges, a permit will be denied if the discharge that would be authorized by such permit would not comply with the Environmental Protection Agency's 404(b)(1) guidelines. Subject to the preceding sentence and any other applicable guidelines or criteria (see Sections 320.2 and 320.3), a permit will be granted unless the District Engineer determines that it would be contrary to the public interest.

The Corps of Engineers is soliciting comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the described work, with the reference number, should reach this office no later than the expiration date of this Public Notice to become part of the record and be considered in the decision. Please contact Ms. Julie A. Woodke at (907) 753-2716, toll free from within Alaska at (800) 478-2712, or by email at julie.a.woodke@poa02.usace.army.mil if further information is desired concerning this notice.

AUTHORITY: This permit will be issued or denied under the following authority:

Discharge dredged or fill material into waters of the United States - Section 404 Clean Water Act (33 U.S.C. 1344). Therefore, our public interest review will consider the guidelines set forth under Section 404(b) of the Clean Water Act (40 CFR 230).

A plan, Notice of Application for Certification of Consistency with the Alaska Coastal Management Program, and Notice of Application for State Water Quality Certification are attached to this Public Notice.

Attachments

District Engineer
U.S. Army, Corps of Engineers

STATE OF ALASKA

OFFICE OF THE GOVERNOR

DEPT. OF ENVIRONMENTAL CONSERVATION

DIVISION OF WATER

401 Certification Program

Non-Point Source Water Pollution Control Program

NOTICE OF APPLICATION FOR STATE WATER QUALITY CERTIFICATION

Any applicant for a federal license or permit to conduct an activity that might result in a discharge into navigable waters, in accordance with Section 401 of the Clean Water Act of 1977 (PL95-217), also must apply for and obtain certification from the Alaska Department of Environmental Conservation that the discharge will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. By agreement between the U.S. Army Corps of Engineers and the Department of Environmental Conservation, application for a Department of the Army permit to discharge dredged or fill material into navigable waters under Section 404 of the Clean Water Act also may serve as application for State Water Quality Certification.

Notice is hereby given that the application for a Department of the Army Permit described in the Corps of Engineers' Public Notice No. **POA-1982-370-P, Sagavanirktok River**, State Water Quality Certification from the Department of Environmental Conservation.

After reviewing the application, the Department may certify that there is reasonable assurance that the activity, and any discharge that might result, will comply with the Clean Water Act, the Alaska Water Quality Standards, and other applicable State laws. The Department also may deny or waive certification.

Any person desiring to comment on the project with respect to Water Quality Certification may submit written comments within 30 days of the date of the Corps of Engineer's Public Notice to:

Department of Environmental Conservation
WQM/401 Certification
555 Cordova Street
Anchorage, Alaska 99501-2617
Telephone: (907) 269-6281
FAX: (907) 269-7508

FRANK H. MURKOWSKI,
GOVERNOR

STATE OF ALASKA

OFFICE OF THE GOVERNOR

**DEPARTMENT OF NATURAL RESOURCES
OFFICE OF PROJECT MANAGEMENT AND PERMITTING**

ALASKA COASTAL ZONE MANAGEMENT
550 WEST 7TH AVENUE, SUITE 1660
ANCHORAGE, ALASKA 99501-3568

**NOTICE OF APPLICATION
FOR
CERTIFICATION OF CONSISTENCY WITH THE
ALASKA COASTAL MANAGEMENT PROGRAM**

Notice is hereby given that a request is being filed with the Office of Project Management and Permitting for a consistency determination, as provided in Section 307(c)(3) of the Coastal Zone Management Act of 1972, as amended [16 U.S.C. 1456(c)(3)], that the project described in the Corps of Engineers Public Notice No. **POA-1982-370-P, Sagavanirktok River**, comply with the Alaska Coastal Management Program and that the project will be conducted in a manner consistent with that program.

The Office of Project Management and Permitting requests your comments, particularly on the proposed project's consistency with the affected local coastal district management program. For more information on the consistency review contact OPMP at (907) 269-7470 or (907) 465-3562, or visit the ACMP web site at <http://www.gov.state.ak.us/gdc/Projects/projects.html>.

Schlumberger Technology Corp.
Prudhoe Bay Development Plan

August 17, 2005

This narrative will explain the expansion plans for the Schlumberger Well Services (Dowell) facility in Prudhoe Bay Alaska.

Summary:

Schlumberger intends to secure a lease the lots adjacent to its existing lots in Prudhoe Bay. Lots TR43A, TR43B, TR44A, and TR44B will be leased and an explosive handling facility is to be constructed near the center of these lots where they intersect to allow for proper safe distances to be established to the nearest "inhabitable buildings" and adjacent property lines.

Details

Lease:

Schlumberger intends to secure the lease on the lots TR43A, TR43B, TR44A, and TR44B in SEC 8, Township 10N, Range 15E of the Umiat Meridian, Alaska. We also request to vacate the existing road easement locate on Tracts 43A and 44A. This land is currently vacant and consists entirely of natural ground cover (tundra).

Schlumberger already holds leases on TR32 and TR33A adjacent to the afore mentioned lots.

Fill: Approx 24,000 yards in all.

A gravel pad will be constructed on lots TR43B and TR44B approx 280ft X 365ft. This pad will span the two lots located in the SE portion where they border each other as shown on the map. On this pad we will construct an explosive loading facility (details explained later in this document). Also located on this pad will be the explosive storage magazines.

"Deflection berms" will be constructed on the North, West, and East sides of this pad using Gravel to help protect the surrounding building and occupants in the unlikely case of an explosion in the facility. "Deflection berms" will also be constructed in such a manner as to separate the explosive storage magazines from each other. These berms will be capped with a "pit liner" material or cement to prevent erosion.

A 25 ft. wide gravel road will be constructed from the south end of lot TR32 to this new pad located on lots TR43A and TR44A. This road will serve as access to this pad and will be gated allowing only authorized personnel to have access to the explosives area. Buried in this road will be the electrical corridor from the main facility to the explosives loading facility.

Construction

Building 8 (Explosives Loading Facility)

This 100 x 80' facility will be isolated from the rest of the buildings with such a distance as to be compliant with Federal and State explosive storage requirements. This facility will be divided into two main areas with two offices located in the center area. A security system will limit access to this building to authorized personnel only.

This shop floor will be constructed using the "slab on grade" method and have a series of cold air tubes embedded in the gravel pad beneath the floor slab. External air will be moved through these tubes with fans during the winter months to insure that the gravel pad and sub layer stay frozen. During the summer months these air tubes will be blocked off so that the warmer air will not allow the pad and sub layer to thaw.

The above shop will be pre-manufactured and erected locally on the new slab. It will be heated with natural gas hot air furnaces.

This shop will have roll-up doors located along each side to allow for "drive through" capability.

Electrical power to this building will be supplied from the main facility generating plant. Backup electrical power will be from the local utility.

This shop will have its own potable water system and potable water tank.

This shop will have a self-contained fire suppression system. The fire alarm system will be tied to the master fire alarm system located in building #1.

Floor water will be pumped into a holding tank and weekly emptied into the RGF equipped wash bay remediation system located in building #3. This is the same as the floor water system is currently maintained in building #4

Waste Streams:

The types of waste generated on this site are food waste, solid waste, floor sweepings, metal, and oily waste. These wastes are separated and collected in separate dumpsters. These dumpsters are emptied as needed by the North Slope borough approved contractor. That contractor incinerates oily waste.

It will have a vacuum septic system and will not require a connection to the existing wastewater treatment plant. The North Slope Borough will empty this septic system tank on a weekly basis when they empty the system in building #4.

Water Supply:

The North Slope Borough on an as-needed basis will supply potable water for buildings other than the main camp.

Parking Areas:

Parking will be at "bull rails: at each end of the new building and at existing "bull rails" nearer to the main facilities.

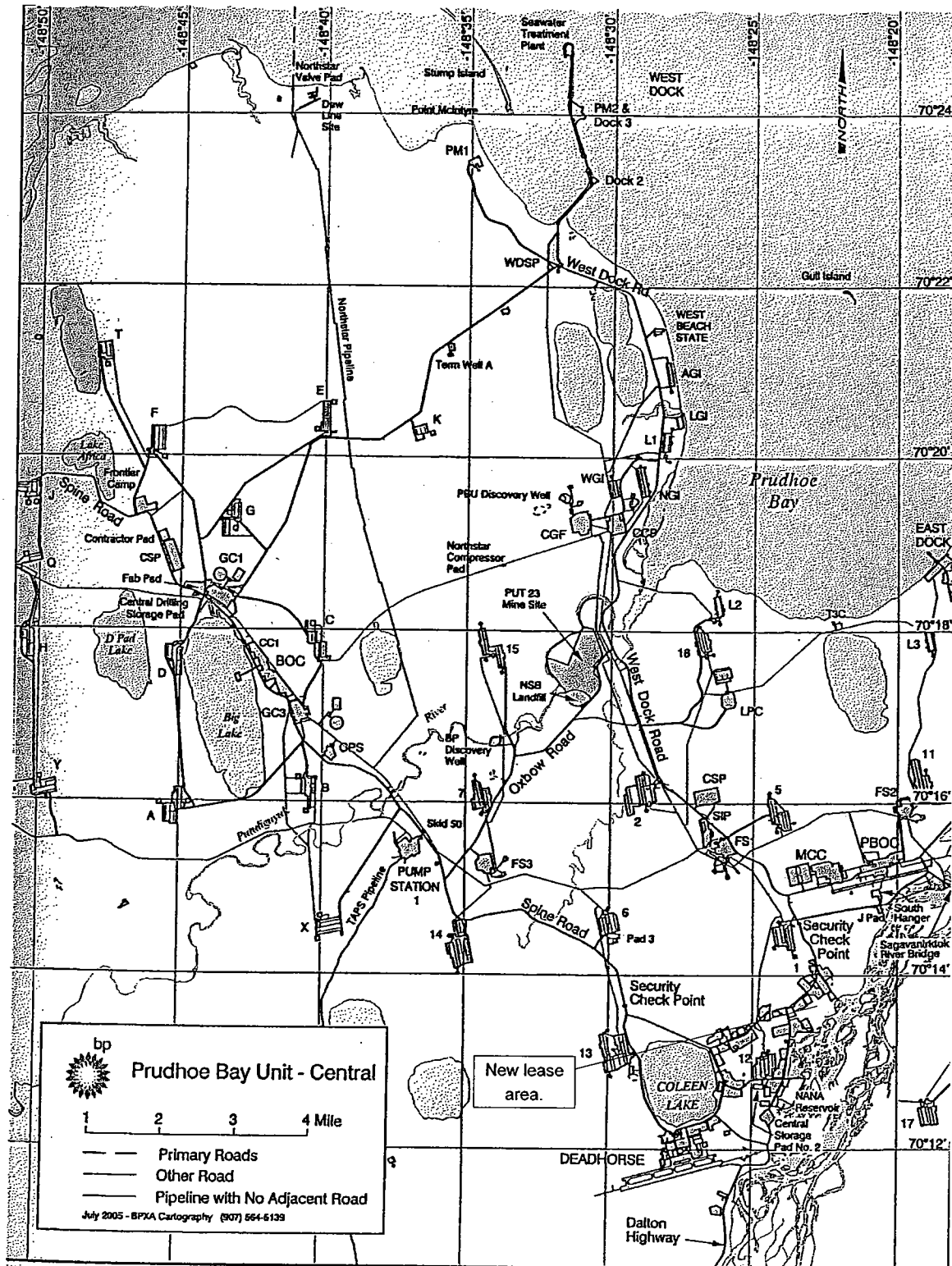
Population:

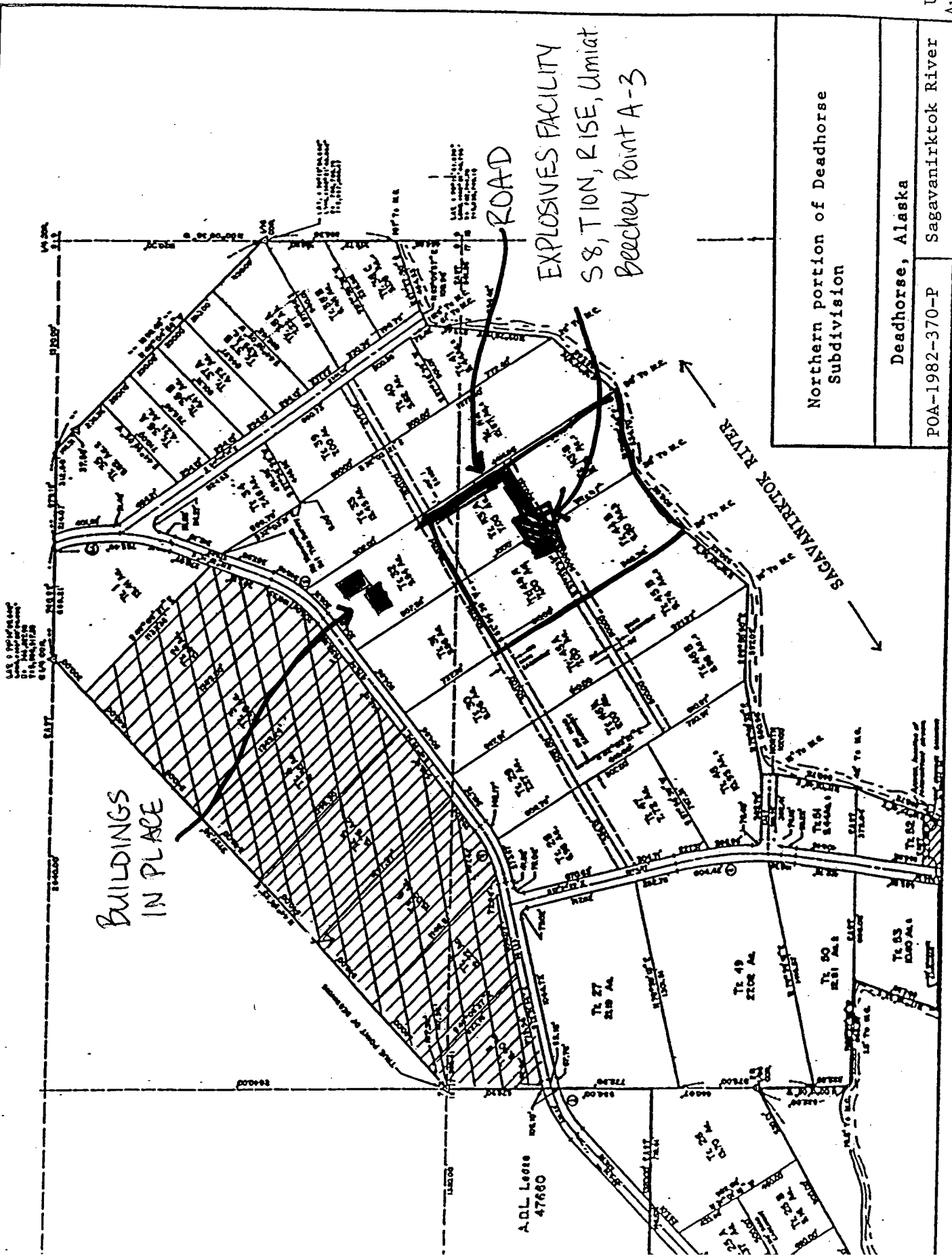
This facility will typically support approx. 110 people.

Maintenance:

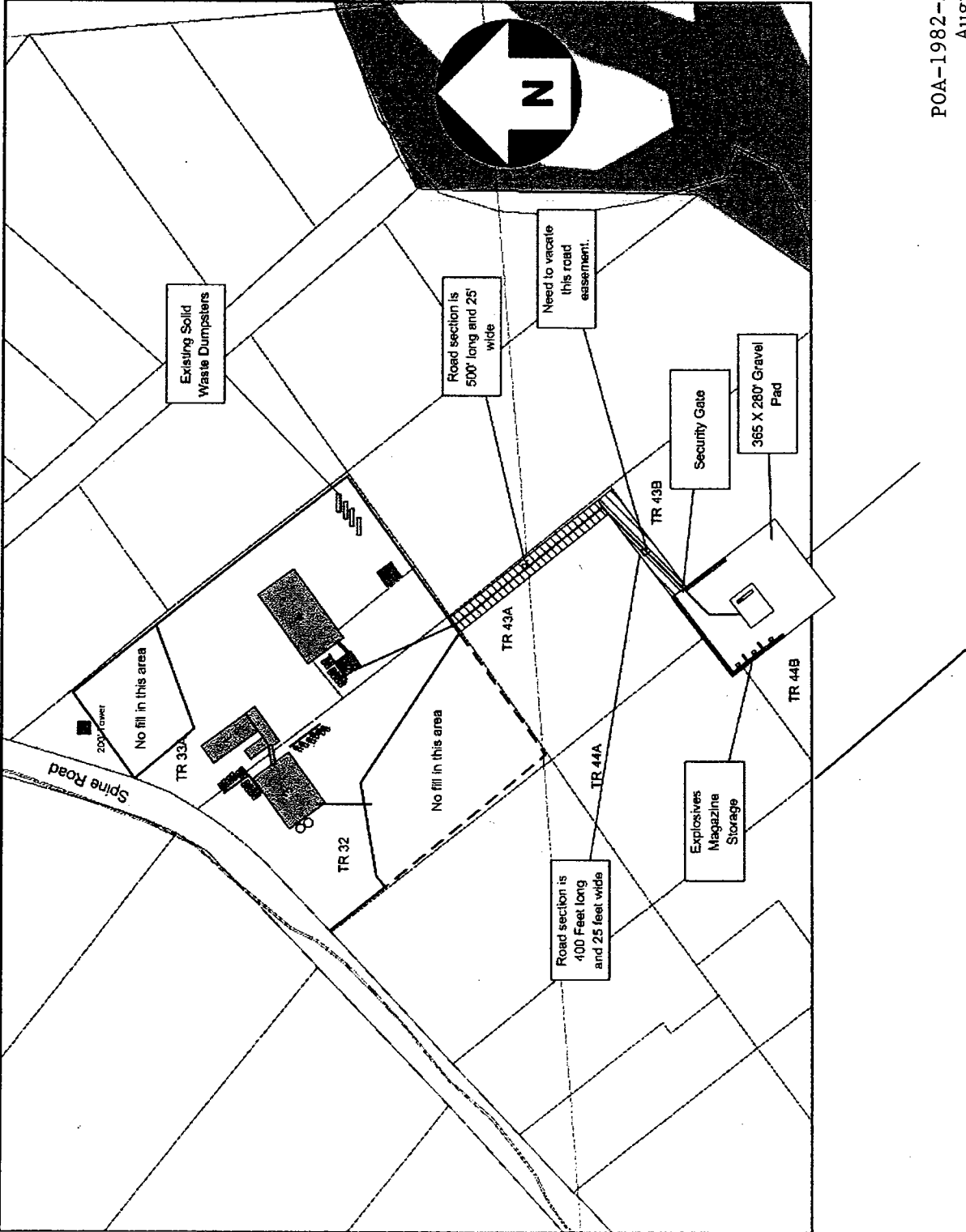
Schlumberger Facility Maintenance team will carry out facility and grounds maintenance. Snow removal and pad maintenance will be contracted out to either Veco or Peak Oilfield Services.

Schlumberger
Development Location
Map.
8/8/2005
Kelly Sperbeck

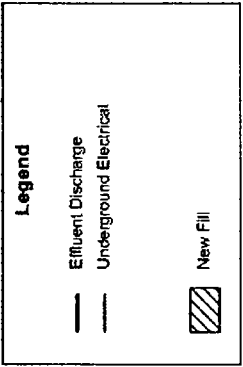




Northern portion of Deadhorse Subdivision	
Deadhorse, Alaska	
POA-1982-370-P	Sagavanirktok River



Schlumberger
Development Plan (WS Pad)
2005 Schlumberger Alaska
Drawn By: David P. Smith 0071773-1730 Ver. 1.1
amtpub@slb.com



POA-1982-370-P Sagavanirktok River
August 2005